CUSTOMER NO.: 24498
Serial No.: 10/759,727
OA/Restriction dated: 10/18/07
Response dated: 12/06/07

Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method for initialising a control of a supply voltage of a light source, such as a laser diode, the light source being arranged in a first circuit configuration having an associated first reference voltage level or the light source being arranged in an alternative second circuit configuration having an associated alternative second reference voltage level, the method comprising the steps of:

- gradually changing the supply voltage into the direction of the first reference voltage,
- measuring a light emission of the light source while gradually changing the supply voltage,
- if no light emission is measured: starting the control of the supply voltage of the light source after the first reference voltage has been reached,
- if a light emission is measured: gradually changing the supply voltage into the direction of the second reference voltage and starting the control of the supply voltage of the light source after the second reference voltage has been reached.

2. (Currently Amended) The method according to claim 1, the first circuit configuration being a ~~an~~ PNP type circuit configuration and the second circuit configuration being an NPN type circuit configuration.

3. (Original) The method according to claim 1, whereby the light emission of the light source is measured by means of a photodiode.

4. (Original) The method according to claim 1 further comprising detecting of a polarity of the measurement of the light emission of the laser diode.

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5. (Original) An electronic circuit for controlling a supply voltage of a light source, such as a laser diode, the light source being arranged in a first circuit configuration having an associated first reference voltage level, or the light source being arranged in alternative second circuit configuration having an associated alternative second reference voltage level, the electronic circuit comprising:

- means for gradually changing the supply voltage into the direction of the first reference voltage for initialising the control of the supply voltage,

- means for detecting of a light emission of the laser diode,

- means for gradually changing the supply voltage into the direction of the second reference voltage, if a light emission of the laser diode is detected while the supply voltage is gradually changed into the direction of the first reference voltage.

6. (Currently Amended) The electronic circuit according to claim 5, whereby the first circuit configuration is of a ~~an~~ PNP type and the second circuit configuration is of an NPN type.

7. (Original) The electronic circuit according to claim 5, the means for detecting a light emission comprising a laser diode.

8. (Original) The electronic circuit according to claims 5 further comprising means for detecting of a polarity of a measurement signal provided by the means for detecting of a light emission.

9. (Original) An optical reader or optical recorder comprising a laser diode and an electronic circuit for controlling a supply voltage of the laser diode the light source being arranged in a first circuit configuration having an associated first reference voltage level, or the light source being arranged in alternative second circuit configuration having an associated alternative second reference voltage level and the electronic circuit includes means for gradually changing the supply voltage into the direction of the first reference voltage for initialising the control of the supply voltage, means for detecting of a light emission of the laser diode, means for

gradually changing the supply voltage into the direction of the second reference voltage, if a light emission of the laser diode is detected while the supply voltage is gradually changed into the direction of the first reference voltage.

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Amendments to the Drawings

The attached sheet of drawing includes changes to Figure 6.

Attachment: Replacement Sheet 4.